

REMARKS

Claims 1-6 and claims 8-13 are currently pending. Claims 1 and 9 stand rejected under 35 USC §102(b) and claims 2-6, 8, and 10-13 stand rejected under 35 USC §103(a). Claims 1, 2, 9, and 10 have been amended. Claims 14-29 have been newly added. Accordingly, after entry of this amendment, the pending claims will be claims 1-6 and 8-29.

The Applicants appreciate the Examiner's thorough examination of the subject application and respectfully request reconsideration of the subject application based on the above amendments and the following remarks.

35 USC § 102(b) REJECTIONS

Claims 1 and 9 stand rejected under 35 USC § 102(b) as being anticipated by U.S. Patent Number 6,201,893 to Shiraiwa ("Shiraiwa" or the " Shiraiwa Reference"). The Applicants have amended claims 1 and 9 to recite that "the luminance correction means corrects the luminance of each of the plurality of pixels by making the luminance data linearly symmetrical with the gradation characteristics" and therefore believe that the grounds for rejection are now moot.

Indeed, the Shiraiwa reference does not teach, mention or suggest correcting the luminance of each of the plurality of pixels by making the luminance data linearly symmetrical with the gradation characteristics of the display device as shown illustratively in Figures 27 and 29. Moreover Shiraiwa does not teach, mention or suggest doing so so that the gradation characteristics of the display device are linear at the same time (new claim 14).

Therefore, it is respectfully submitted that, claims 1 and 9 are not anticipated or made obvious by the Shiraiwa reference and, further, satisfy all of the requirements of 35 U.S.C. § 100, et seq., especially § 102(b). Accordingly, claims 1 and 9 and all claims depending therefrom are allowable. Moreover, it is respectfully submitted that the subject application is in condition for allowance. Early and favorable action is requested.

35 USC § 103(a) REJECTIONS

Claims 2, 6, 8, and 10 stand rejected under 35 USC § 103(a) as unpatentable over Shiraiwa in view of US Patent Number 6,240,206 to Tokuyama ("Tokuyama" or the "Tokuyama Reference"); claim 3 stands rejected under 35 USC § 103(a) as unpatentable over Shiraiwa in view Tokuyama further in view of an article by Takagi, i.e., "Selective Image Sharpening"; claims 4 and 5 stand rejected under 35 USC § 103(a) as unpatentable over Shiraiwa in view of Tokuyama further in view of US Patent Number 6,266,439 to Pollard and US Patent Number 6,035,061 to Katsuyama; and claims 11 and 12 stand rejected under 35 USC 103(a) as unpatentable over Shiraiwa in view of US Patent Number 5,982,926 to Kuo ("Kuo" or the "Kuo Reference"). The Applicants respectfully traverse these rejections based on the above amendments and the following remarks.

Claims 2, 6, 8, and 10

The deficiencies of the Shiraiwa reference have been detailed above in our 35 USC § 102(b) discussion. Further, Tokuyama cannot make up for the deficiencies of the Shiraiwa reference. Specifically, the Tokuyama reference does not teach, mention or suggest correcting the luminance of each of the plurality of pixels by making the luminance data linearly symmetrical with the gradation characteristics of the display device as shown illustratively in Figures 27 and 29. Moreover, Tokuyama does not teach, mention or suggest doing so so that the gradation characteristics of the display device are linear at the same time (new claim 15).

Therefore, it is respectfully submitted that, claims 2, 6, 8, and 10 are not made obvious by the Shiraiwa reference in view of Tokuyama and, further, satisfy all of the requirements of 35 U.S.C. 100, et seq., especially § 103(a). Accordingly, claims 2, 6, 8, and 10 are allowable. Moreover, it is respectfully submitted that the subject application is in condition for allowance. Early and favorable action is requested.

Claim 3

Nor can the Takagi article make up for the deficiencies of the Shiraiwa and Tokuyama references. Specifically, the Takagi article does not teach, mention or suggest correcting the luminance of each of the plurality of pixels by making the luminance data linearly symmetrical with the gradation characteristics of the display device as shown illustratively in Figures 27 and 29.

Therefore, it is respectfully submitted that, claim 3 is not made obvious by the Shiraiwa reference in view of Tokuyama further in view of Takagi and, further, satisfies all of the requirements of 35 U.S.C. § 100, et seq., especially § 103(a). Accordingly, claim 3 is allowable. Moreover, it is respectfully submitted that the subject application is in condition for allowance. Early and favorable action is requested.

Claims 4 and 5

Nor can the Pollard and/or Katsuyama references make up for the deficiencies of the Shiraiwa and Tokuyama references. Specifically, neither Pollard nor Katsuyama teaches, mentions or suggests correcting the luminance of each of the plurality of pixels by making the luminance data linearly symmetrical with the gradation characteristics of the display device as shown illustratively in Figures 27 and 29.

Therefore, it is respectfully submitted that, claims 4 and 5 are not made obvious by the Shiraiwa reference in view of Tokuyama further in view of Pollard and Katsuyama and, further, satisfy all of the requirements of 35 U.S.C. § 100, et seq., especially § 103(a). Accordingly, claims 4 and 5 are allowable. Moreover, it is respectfully submitted that the subject application is in condition for allowance. Early and favorable action is requested.

Claims 11 and 12

The deficiencies of the Shiraiwa reference have been detailed above in our 35 USC § 102(b) discussion. Further, the Kuo reference cannot make up for the deficiencies of the

Shiraiwa reference. Specifically, the Kuo reference does not teach, mention or suggest correcting the luminance of each of the plurality of pixels by making the luminance data linearly symmetrical with the gradation characteristics of the display device as shown illustratively in Figures 27 and 29. Moreover Kuo does not teach, mention or suggest doing so so that the gradation characteristics of the display device are linear at the same time (new claim 15).

Therefore, it is respectfully submitted that, claims 11 and 12 are not made obvious by the Shiraiwa reference in view of Kuo, and, further, satisfy all of the requirements of 35 U.S.C. § 100, et seq., especially § 103(a). Accordingly, claims 11 and 12 are allowable. Moreover, it is respectfully submitted that the subject application is in condition for allowance. Early and favorable action is requested.

The Applicants believe that no additional fee is required for consideration of the within Response. However, if for any reason the fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No. **04-1105**.

Respectfully submitted,

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